

FEATURES

- Resistances from 10hm to 300kOhms
- Power Rating to 0.8Watt
- Resistance Tolerances to ±0.01%
- TCR to ±1ppm/K
- Load Stability to 0.01%





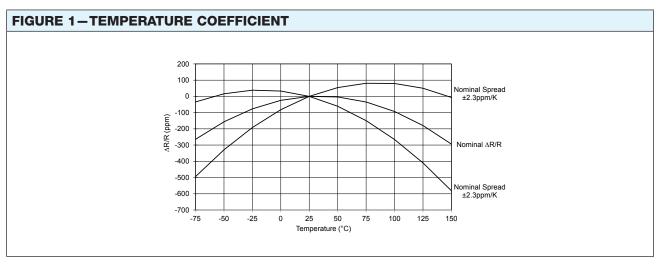
TYPE		USR 2-1410	UNR 2-1410	
Resistance Range		1.0 Ohm to 300 kOhms	1.0 Ohm to 10 kOhms	
Power Rating	Free air 70°C	0.8 W	0.8 W	
Tolerances from 1.0 Ohms from 5.0 Ohms from 25.0 Ohms Stability (1000h)		0.01% / 0.02% / 0.05% / 0	0.1% / 0.25% / 0.5% / 1% 0.05% / 0.1% / 0.25% / 0.5% / 1% 0.01% / 0.02% / 0.05% / 0.1% / 0.25% / 0.5% / 1% 0.01	
Shelf Life Stability		25ppm / ΔR after 1 year 50ppm / ΔR after 3 year	25ppm / ΔR after 1 year	
Temperature Coefficient		typ. ±3ppm/K (-55 to 125°C	max. ±5ppm/K (-55 to 155°C) typ. ±3ppm/K (-55 to 125°C) upon request ±1ppm/K (25 to 60°C)	
Insolation Resistance		> 10 GOHM	> 10 GOHM	
Thermal EMF		< 0.1µV/K	< 0.1µV/K	
Operating Temperature Range		-55 to 155°C	-55 to 155°C	
Resistor Material		NiCr-Foil	NiCr-Foil	
Substrate		Al ₂ O ₃	AIN	
Housing		PBTP / Epoxy	PBTP / Epoxy	
Connector Material		Cu / tinned	Cu / tinned	
Terminals		2 (standard contact D)	2 (standard contact D)	
Notes			Specially designed for applications with fast changing electrical load	

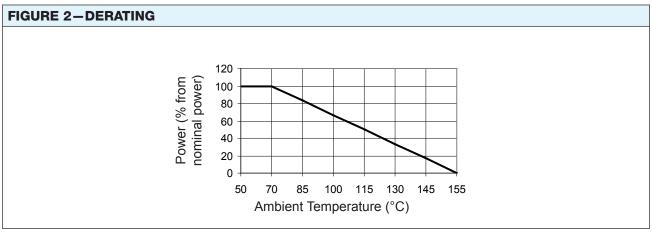
ORDERING INFORMATION

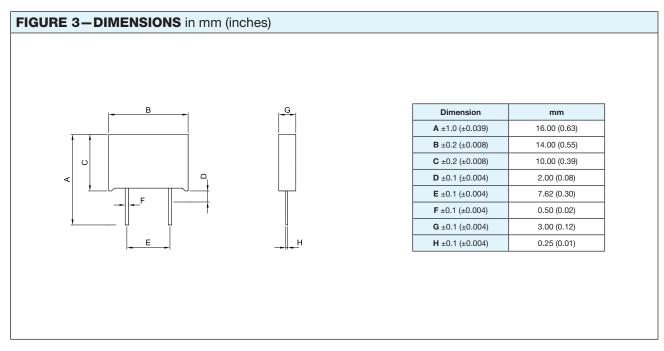
Part Number - Resistance - Contact - Tolerance - TCR (if not standard)

UNR 2-1410 3R700 D 0.5%











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Document No.: 63999 Revision: 15-Jul-2014